

VOSTRIKOVA, A. I.

Vostrikova, A. I. "Winter rye," In symposium: Nauch. otchet. Tulun. gos. selekts, stantsia
za 1941-1944 gg., Moscow. 1948, p. 9-16

SO: U-3264, 10 April 53 (Letopis 'Zhurnal 'nykh Statey, No. 4, 1949).

OREKHOV, K.A.; MAKIMOV, G.M.; NESLUKHOVSKIY, S.K.; ROZDOLOVSKAYA,
V.V.; SMIRNOV, K.A.; VEYS, L.V.; ANTYUFYEVA, A.M.; KURGANOV,
M.A.; STEPANOVA, Ye.A.; VOSTRIKOVA, A.M.; SAKHAROVA, V.V.;
POD"YACHIKH, P.G.; OREKHOV, K.A., otv. za vypusk; CHUPEOVA,
Yu.S., red.; PYATAKOVA, N.D., tekhn. red.

[Results of the 1959 All-Union population census; the Kazakh
S.S.R.] Itogi Vsesoiuznoi perepisi naselenia 1959 goda;
Kazakhskaya SSR. Moskva, Gosstatizdat, 1962. 201 p.

(MIRA 16:4)

1. Russia (1923- U.S.S.R.)TSentral'noye statisticheskoye
upravleniye.

(Kazakhstan--Census)

VOSTRIKOVA, A.M.; SAKHAROVA, V.V.. Prinimali uchastiye: FISHKO, F.Ye.;
YEFIMOVA, N.M.; BABURSKAYA, Z.T.; POZINYAKOVA, K.I.; SHCHEGLOVA,
K.D.; KUSTOVA, V.T.; POD"YACHIKH, P.G., red.; SFRONGIN, V.L.,
red.; PYATAKOVA, N.D., tekhn.red.

[Public health in the U.S.S.R.; compendium of statistics] Zdravo-
okhranenie v SSSR; statisticheskii sbornik. Moskva, Gosstatizdat
TsSU SSSR, 1960. 271 p. (MIRA 13:8)

1. Russia (1923- U.S.S.R.) TSentral'noye statisticheskoye upravle-
niye.2. Otdel statistiki naseleniya i zdravookhraneniya TSentral'nogo
statisticheskogo upravleniya SSSR (for all except Strongin, Pyatkova).
3. Chlen Kollegii TSentral'nogo statisticheskogo upravleniya SSSR (for
Pod"yachikh).

(PUBLIC HEALTH--STATISTICS)

GRINZAYD, M.I.; ZINOV'YEVA, I.S.; IVANOVA, N.M.; VOSTRIKOVA, E.P.

Content of pathogenic staphylococci in the feces of children with intestinal diseases. Zhur. mikrobiol., epid. i immun. 41 no.11:31-35 '65. (MIRA 18:5)

1. Kuybyshevskiy institut epidemiologii, mikrobiologii i gigiyeny.

VOSTRIKOVA, N.A., fel'dsher-rentgenotekhnik (Moskva)

Short focus X-ray therapy of skin neoplasms. Med.sestra 21 no.9:
44-45 S '62. (MIRA 15:9)

(X RAYS--THERAPEUTIC USE) (SKIN--TUMORS)

AVDUSHEVA, M.P.; VOSTRIKOVA, V.A.; LIPIANSKAYA, R.S.; SHIYAN, K.K.: Prinimeli uchastiye: ANTONETS, L.G., nauchnyy sotrudnik; BELENKINA, S.G., nauchnyy sotrudnik; YEVLANOV, V.D., nauchnyy sotrudnik; SHAIN, B.S., nauchnyy sotrudnik; LYCHAGIN, N.S. SKAB, A.D., kand.istor.nauk, red.; VORONINA, V.M., red.; SHEVCHENKO, M.G., tekhn.red.

[History of the Kharkov Locomotive Plant from 1895 to 1917; collected documents and materials] Istoriia Khar'kovskogo parovozostroitel'nogo zavoda, 1895-1917 gg.; sbornik dokumentov i materialov. Khar'kov, Khar'kovskoe obl.izd-vo, 1956. 378 p. (MIRA 14:1)

1. Kharkov. (Province) Gosudarstvennyy arkhiv. 2. Gosudarstvennyy arkhiv Khar'kovskoy oblasti (for Antonets, Belenkina, Yevlanov, Shain). (Kharkov--Locomotives--Construction)

KAGAN, S.Z.; AEROV, M.E.; VOLKOVA, T.S.; VOSTRIKOVA, V.N.

Investigating extractors with mechanical phase-mixing (pulsating
extractors). Khim.prom. no.8:689-694 D '59. (MIRA 13:6)
(Extraction apparatus)

VOSTRIKOVA, V.N.; GUROVICH, R.E.; AEROV, M.E.; MOTINA, G.L.; ZALYALETDINOVA, R.G.

Separation of acrolein from its low concentration aqueous solutions.
Neftekhimiia 3 no.2:254-258 Mr-Apr '63. (MIRA 16:5)

1. Nauchno-issledovatel'skiy institut sinteticheskikh spirtov
i organicheskikh produktov.

(Acrolein)

VOSTRIKOVA, V.N.; AERCV, M.E.; GUROVICH, R.E.; SOIGIATINA, R.M.

Liquid - vapor equilibrium in the systems acrolein - methyl ethyl ketone, isopropyl alcohol - allyl alcohol - water, and allyl alcohol - secondary butyl alcohol. Zhur. prikl. khim. 37 no.10:2210-2216 O '64.

(MIRA 17:11)

MIKHAL'KOV, P.V.; VOSTRIKOVA, V.P.

Determination of hydrogen sulfide in the gases of the
Korobkovo field. Trudy VNIING no.2:91-100 '63.

(MIRA 17:5)

MIKHAIL'KOV, P.V.; VOSTRIKOVA, V.P.

Determining the hydrogen sulfide in the gases of the Korobkovskoye
oil field. Trudy VNIIG no.2:91-100 '63.

(MIRA 17:10)

VOSTRILOVA, N. B. (Co-author)

See: DULOVA, V. I.

Dulova, V. I. and Vostrilova, N. B. - "Spectrophotometric determination of the dissociation constants of acids and bases, and of the constants for the transformation of indicators in solutions", (Report), Soobshch. o nauch. rabotakh chlenov Vsesoyuz. khim. o-va im. Mendeleyeva, 1949, Issue 1, p. 15-17.

SO: U-4630, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 23, 1949).

MIKHAL'KOV, P.V.; VOSTRIKOVA, V.P.

Selecting, transporting, and storing gas samples for the determination
of hydrogen sulfide. Gaz. prom. 7 no.2:13-16 '62.

(MIRA 17:6)

S/081/62/000/023/077/120
B144/B186

AUTHORS: Mikhal'kov, P. V., Vostrikova, V. P.

TITLE: Determination of the hydrogen sulfide content in natural and associated gas

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1962, 585 - 586, abstract 23M123 (Novosti نفت. i gaz. tekhn. Gaz. delo, no. 3, 1962, 57 - 59)

TEXT: The H_2S content was determined (ГОСТ 5580-50 (GOST 5580-50) in samples of natural gases and associated ones (after oil separation) of the Korobkovo deposit. The samples were taken with samplers with a bakelite lining. In natural gas samples taken from the well-head of 4 bores, the H_2S content was 68 to 268 g/100 m³, in strata samples of natural gas from 6 bores: 97 to 268 g/100 m³, in samples of associated gas from 4 bores: 11 to 361 g/100 m³. [Abstracter's note: Complete translation.] ✓

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ASSOCIATION: None

POPOV, A.; SAGARADZE, V.; KHORZHEVA, S.; VOSTRIKOV, Ye.

Diagrams of isothermal decomposition of austenite in steel alloys
used for dies. Appendix. Metalloved.i obr.met. no.4: 61-64 0 '55.
(MIRA 9:3)

(Austenite)

VOSTRIKOVA, N. I.

Manufacture of the "Supovoy nabor" and "Svince ragu" canned foods
increases labor productivity. Kons. i ov.prom. 15 no. 11:33-34 N '60.
(MIRA 13:10)

1. Stalingradskiy sovmarkhoz.
(Stalingrad--Meat, Canned)

5(1),25(5)

AUTHORS:

Kagan, S. Z., Aerov, M. E.,
Volkova, T. S., Vostrikova, V. N.

SOV/64-58-7-12/13

TITLE:

Investigating Extraction Apparatuses With Mechanical Mixing
of the Phases (Issledovaniye ekstraktorov s mekhanicheskim
peremeshivaniyem faz)
Rotor Disk Extractors (Rotorno-diskovyye ekstraktory)

PERIODICAL:

Khimicheskaya promyshlennost', 1958, Nr 7, pp 432-438 (USSR)

ABSTRACT:

The effect of the operation of these extractors is based on the fact that in each section between the rotor disks a closed radial current is formed by the rotating disks. Of late, several types of extractor columns of this type were proposed (Refs 8, 10, 11, 13, 14, 18, 22, 25). Yet the investigations carried out hitherto are incomplete and the results obtained are even contradicting each other (Refs 16, 16a, 17, 20, 26). In the present case the hydrodynamics and mass transfer of the rotor disk extractors is investigated as a function of the physical properties of the system, of the geometrical ratios within the apparatus, as well as of the dimensions of the apparatus. The experiments were carried out in extractors of different dimensions. Two systems were investi-

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Investigating Extraction Apparatuses With Mechanical Mixing of the Phases. SOV/64-58-7-12/18
Rotor Disk Extractors

gated: 1.-Diisopropyl ether - water - phenol, and 2.-Kerosene - water - phenol (water = tap water, phenol is pure according to GOST 64-17 - 52, diisopropyl ether - γ = 0.725, boiling-point 68.6°, kerosene - γ = 0.816, boiling range 119 - 232°). A change of the ratio ether:water from 1 : 3 to 1 : 9 and that of kerosene:water from 1 : 3 to 1 : 10 shows a low effect on the capacity limit of the extractor. The capacity of the extractor decreases to a certain limit with the increase in the speed of rotation of the rotor, with the intensity of mass transfer (mainly) increasing. There are 10 figures, 5 tables, and 26 references, 6 of which are Soviet.

Card 2/2

KAGAN, S.Z.; MAKAROV, G.N.; VOSTRIKOVA, V.N.

Pulse-column extractors used for dephenolizing waste waters.

Gaz. prom. no.9:16-20 S '58.

(MIRA 11:10)

(Water--Purification) (Extraction apparatus)

VOSTRILOVA, N.V. and DULOVA, V.I.

Vostrilova, N.V. "Spectrophotometric determination of the dissociation constants of acids and also establishment of the transition constants of indicators in the solutions," Doklady Akad. nauk UzSSR, 1948, No. 12, p. 14-17 --- Summary of Uzbek --- Bibliog: p. 17

SO: U-3566, 15 March, 53, (Letopis 'Zhurnal 'nykh Statey, No, 14, 1949).

VOSTRILOVA, N.V.

Chemical Abstracts
Vol. 49 No. 5
Mar. 10, 1954
Dyes and Textiles Chemistry

Analysis of the products of evaporation during drying of cotton wool. *Uz. A. Arifov, V. I. Dulova, A. Kh. Arukhanov, and N. V. Vostriova. Doklady Akad. Nauk Uzbek. S.S.R. 1949, No. 8, 26-9.*—Cotton wool (I) is dried 3-4 hrs. at 3-4 mm. above 110° in a specially designed app. equipped with 2 traps cooled with liquid air, and the condensates in the traps are analyzed by oxidimetric methods with KMnO_4 . The amt. of org. material (II) volatile with the H_2O vapors increases with rising temp. and amounts to about 0.2%. At 130-50° charring of I sets in. Samples of I, the seed of which has been crushed, are also dried and give higher yields of II which also increase with increased moisture content (III). At 105-30° even with high III and from crushed seeds the amt. of II is considerably less than the exptl. error permitted for the detn. of III in I. Gladys S. Macy

Phys-Tech. Inst. AN Uzbek SSR

q. 104 in 2000 analysis

Jan 19, 1960 The arrangement of

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AYUKHANOV, A.Kh.; VOSTRILOVA, N.V.; SHUSTROV, V.A.

Evaporation of the components of an oxide cathode in the course
of its treatment. Radiotekh. i elektron. 7 no.9:1598-1607 S
'62. (MIRA 15:9)

(Cathodes)

9.3120
26.2531
S/109/62/007/009/013/018
D409/D301

AUTHORS: Ayukhanov, A.Kh., Vostrilova, N.V., and Shustrov, V.A.

TITLE: Evaporation of oxide-cathode components during its operation

PERIODICAL: Radiotekhnika i elektronika, v. 7, no. 9, 1962,
1598 - 1607

TEXT: The evaporation of the components of barium-strontium oxide coatings of various composition was studied by the method of radioactive isotopes. Earlier studies of the temperature dependence of the rate of evaporation of the components were mostly of a comparative nature; the dependence of the rate of evaporation on the composition of the coating was not ascertained and the dynamics of evaporation were not studied. The method used in the present investigation made it possible to obtain quantitative results and to study the evaporation over sufficiently small time-intervals; in addition it also permitted to perform a large number of various operations with the same cathode specimen under the same vacuum conditions. The experimental lamp was continuously evacuated by two mercury
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Evaporation of oxide-cathode ...

S/109/62/007/009/013/018
D409/D301

diffusion pumps, connected in series. The design of the apparatus made is possible to conduct 16 measurements on a single cathode. The processes could be recorded over time intervals as short as 20 seconds. By using plug-in collectors, it was possible to keep for a long time the results of any experiment. The amount of evaporated matter was determined by measuring the loss in cathode activity and the collector activity. The amount of evaporated matter could be determined to an accuracy of $1 \cdot 10^{-8}$ gram. The coatings had the composition $\text{BaCO}_3 + \text{SrCO}_3$. The rate of evaporation varied as a function of temperature and of the relative composition (BaCO_3 : SrCO_3 in mol. %). The temperature increase took place in two stages up to 1000°K and activation to 1300°K . An increase in BaCO_3 concentration led to an increase in the fraction of evaporated barium, (from 6.5 to 16 % approximately). The relative Ba-concentration in the evaporation products reaches its maximum value for coatings which contain 60 % SrCO_3 . The fraction of evaporated strontium varies non-monotonically as a function of its concentration in the

Card 2/4

Evaporation of oxide-cathode ...

S/109/62/007/009/013/018
D409/D301

coating. Evaporation at increased temperatures of the activated cathode, is apparently related to the formation of a solid solution (Ba, Sr)C and the appearance (in the latter) of free Ba and Sr. The change in the rate of evaporation of Ba as a function of time, was studied over a temperature range of 1000-1500°K. A figure shows the change in rate of evaporation from coatings which contain 30 % and 100 % Ba, respectively. Another figure shows the dependence of the mean rate of non-equilibrium evaporation of Ba and Sr, on the composition of the coating. These curves are characterized by a maximum for coatings which contain 70 % of the respective carbonate. Hence the presence of the maximum is not a property of the solid solution (Ba, Sr)O, and the obtained curves are related to the behavior of the free metal in the crystalline lattice. In the process of heating the cathode, depletion of the Ba-layer sets in at a certain temperature. This leads to the paradoxical conclusion that (from a certain temperature on) the rate of evaporation slows down. It is concluded that evaporation of Ba and Sr was practically not observed during the decomposition of the carbonates. Evaporation becomes significant only during the activation process, at temperatures above 1000°K. At that stage, the evaporation is related to

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Evaporation of oxide-cathode ...

S/109/62/007/009/013/018
D409/D301

physico-chemical changes in the oxide coating. As a result of cathode activation, the amount of evaporated Ba varies between 0.16 to 0.065 mgm. per 1 mgm. of Ba in the coating. For Sr, this amount is much smaller (0.001 to 0.06 mgm). On raising the temperature of the activated cathode, non-equilibrium evaporation of Ba and Sr takes place. A quantitative description of the depletion process of free Ba has been given. There are 9 figures and 3 tables. The most important English-language reference reads as follows: R.S. Bever, J. Appl. Phys., 1953, 24, 1008.

SUBMITTED: March 19, 1962

Card 4/4

VOSTRIL^O_A, N. V. Cand Chem Sci -- (diss) "Mutual action of chlorophyll and ions of zinc and cobalt." Tashkent, Publishing House of SAGU /Central Asiatic State Univ⁷, 1959. 15 pp (Min of Higher Education USSR. Central Asiatic State Univ im V. I. Lenin), 150 copies (KL, 44-59, 125)

VOSENILOVA, N.Y.; DULOVA, V.I.

Photochemical properties of a zinc derivative of chlorophyll.
Dokl. AN UzSSR no.5:19-22 '58. (MIRA 11:8)

1. Fiziko-tekhnicheskii institut AN UzSSR. Predstavleno chlenom-
korrespondentom AN UzSSR Kh.U. Usmanovym.
(Chlorophyll) (Photochemistry)

VOSTRILOVA, N.V.; DULOVA, V.I.

Reactions of chlorophyll with cobalt and zinc ions. Uzb. khim. zhur.
no. 1:69-79 '58. (MIRA 11:7)

(Chlorophyll)
(Cobalt)
(Zinc)

VOSTRODOVSKIY, A.V.

PHASE I BOOK EXPLOITATION

SOV/4754

Vsesoyuznoye soveshchaniye po gruppovym tekhnologicheskim protsessam v mashinostroyenii i priborostroyenii. 1st, Leningrad, 1959

Gruppovaya tekhnologiya v mashinostroyenii i priborostroyenii (Group-Processing Methods in the Machine and Instrument Industries) Moscow, Mashgiz, 1960.
378 p. Errata slip inserted. 7,000 copies printed:

Ed. (Title page): S.P. Mitrofanov, Lenin Prize Winner, Candidate of Technical Sciences; Eds.: A.S. Azarov, Candidate of Technical Sciences, N.G. Gutner, Engineer, P.V. Kamnev, Candidate of Technical Sciences, A.K. Kutay, Candidate of Technical Sciences, R.A. Reznikov, Engineer, and G.N. Shalgin, Candidate of Economic Sciences; Managing Ed. for Literature on Machine-Building Technology (Leningrad Department, Mashgiz): Ye.P. Naumov, Engineer; Ed. of Publishing House: N.Z. Simonovskiy; Tech. Ed.: O.V. Speranskaya.

PURPOSE: This collection of articles is intended for technical personnel in machine plants, designing organizations, and scientific-research institutes. It may also be useful to skilled workers.

~~Gard 1/7~~

Group-Processing (Cont.)

SOV/4754

COVERAGE: The collection consists of papers presented at the 1st All-Union Conference on Group Processing in the Machine and Instrument Industries, held November 24-28, 1959 in Leningrad. The conference was called by scientific and technical societies of the machine and instrument industry, GNTK RSFSR, and Lensovnarkhoz. The articles are based on the experience of industry in introducing the grouping principle in processing. They discuss basic trends in development, and group machining as the basis of mechanized continuous production. The designing of automatic production lines, construction of accessories, and modernization and specialization of equipment are discussed. Problems dealing with the introduction of group-machining methods into processing on various machine tools and into production of blanks (casting, pressworking, pressing of plastics) are considered. Planning, standardization, and methods for calculating the economic effectiveness of group processing are also treated. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

From the Publisher

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Group-Processing (Cont.)

SOV/4754

PART I. PROCESSING IN BLANK-MAKING DEPARTMENTS

- Mednikov, Z.G. [Leningrad]. Application of the Group Machining Method in Die Forming of Molten Metal and in Die Casting 5
- Kamnev, P.V. [Leningrad]. Group Method in the Manufacture of Forgings 22
- Chistoserdov, P.S. [Mogilev]. Cold Forging in Group Dies With Exchangeable Forming Parts 42
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- Platov, A.V. [Leningrad]. Basic Principles of Introduction of Group Processing in the Production of Articles of Thermosetting Plastics 67

PART II. MECHANICAL MACHINING AND ASSEMBLY PROCESSES

- Bachelyuk, I.G. [Kiyev]. Introduction of the Group-Machining Method for Machining Parts on Various Metal-Cutting Machine Tools (From the Experience of the Kiyev "Arsenal" Plant) 87
- ~~Card 3/7~~

VOSTRODOVSKIY, A.V.; FEDOROV, L.A.

Soviet cotton carding machines. Tekst.prom. 21 no.7:9-11 J1
'61. (MIRA 14:8)

1. Glavnyy inzhener zavoda "Vulkan" (for Vostrodovski).
2. Glavnyy konstruktor zavoda "Vulkan" (for Fedorov).
(Carding machines)

VOSTRODOVSKIY, A.V.[deceased]; BRUK, S.I.; LIVSHITS, B.I.; MIRKIN, M.S.; ROZENFEL'D, M.A.; SIMIN, S.Kh.; TREBNIK, Ya.L.; GARBARUK, V.N., kand. tekhn.nauk, retsenzent; VAKSER, D.B., dots., red.; VARKOVETSKAYA, A.I., red.izd-va; SHCHETININA, L.V., tekhn. red.

[Technology of the manufacture of knitting machines] Tekhnologiya trikotazhnogo mashinostroeniia. [By] A.V.Vostrodovski
i dr. Moskva, Mashgiz, 1963. 266 p. (MIRA 16:8)
(Knitting machines)

GALEKIN, Yu.B.; SELEZNEV, K.P.; Prinimali uchastiye: SEREGIN, V.S.,
starshiy mekhanik; VOSTROKNOTOVA, I.; student; LIBEISON, M.,
student

Some results of the work of constructing pressure transmitters
with high angular velocity. Trudy LPI no.221:59-71 '62.
(MIRA 15:9)

(Turbomachines)

(Compressors)

VOSTROKNUTOV, A.; KAZANTSEV, V.

Supplying the province center with suburban produce. Sov. torg.
no.3:21-24 Mr '58. (MIRA 11:2)

(Food industry)

ACC NR: AP7001884

SOURCE CODE: UR/0362/66/002/012/1259/1266

AUTHOR: Timofeyeva, V. A.; Vostroknutov, A. A.; Koveshnikova, L. A.

ORG: Black Sea Branch, Marine Hydrophysical Institute, (Chernomorskoye otdeleniye Morskogo gidrofizicheskogo instituta)

TITLE: The effect of asymmetry of illumination on the light field-inside a turbid medium

SOURCE: AN SSSR. Izvestiya. Fizika atmosfery i okeana, v. 2, no. 12, 1966, 1259-1266

TOPIC TAGS: light field, turbid medium, sea brightness, polarimeter, light polarization, polarization plane

ABSTRACT:

Results are described of the initial investigations of a light field in turbid liquid media illuminated with sunrays (a flux of a 50×50 cm cross section) inclined to the surfaces of the media. The experimental setup, consisting of a special container, a heliostat, and a photoelectric polarimeter, is described in detail. It was determined that, analogous to other turbid media such as the atmosphere and colloids, neutral points and regions of "negative" polarization also exist in turbid liquid media. The experiments showed that in turbid liquid media at depths at which the scattering multi-

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UDC: 535.361:551.521.3:551.463.5

ACC NR: AP7001884

plicity is not too great, the asymmetry of illumination exerts a considerable effect on the brightness and the degree of polarization of light. In turbid media, including the sea, there are four neutral points and two regions of "negative" polarization. The angular distance between these points decreases as the sun rises. The plane of polarization light in a turbid medium can occupy a different position in space and only in certain cases coincides with the scattering plane, or is perpendicular to it. Therefore, the terms positive and negative should not be used. Orig. art. has: 9 figures.

SUB CODE: 08/ SUBM DATE: 20Apr66/ ORIG REF: 011/ ATD PRESS: 5112

Card 2/2

YOSTROKNUTOV, A.G., red.; KUZNETSOVA, M.I., red. izd-va; MATVEYEVA,
A.Ye., tekhn. red.

[Instructions 194-57 for checking phase meters] Instruktsiya
194-57 po poverke fazometrov. Izd. ofitsial'noe. Moskva,
1957. 39 p. (MIRA 14:5)

1. Russia (1923- U.S.S.R.) Komitet standartov, mer i iz-
meritel'nykh priborov.
(Electric measurements)

/ Rotated apparatus for the study of the dynamics of gas flow

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YOST, ROBERT A. FOY, E. G.

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VOSTROKNUTOV, G.A.

Geochemistry of natural waters of Central Ural greenstone
areas. Razved. i okhr. nedr 28 no.10:41-48 0 '62.
(MIRA 15:11)

1. Ural'skoye geologicheskoye upravleniye.
(Ural Mountains--Water, Underground--Analysis)

VOSTROKINUTOV, G.A.

Hydrogeochemical characteristics of greenstone formations in the western slope of the Central Urals as revealed by a study made in the Revda region. Trudy Inst. geol. UfAN SSSR no.69. Gidrogeol. sbor. no.3:23-36 '64. (MIRA 17:11)

30(1)

30V/132-59-3-9/15

AUTHOR: Vostroknutov, G.A.

TITLE: On the Graphical Presentation of the Chemical Composition of Natural Waters

PERIODICAL: Razvedka i okhrana nedr, 1959, Nr 3, pp 46-48, (USSR)

ABSTRACT: The article describes a new graph system to plot the chemical composition of various underground waters for the purpose of hydrogeological prospecting. The new graph is an improved version of the square-shaped graph of A.A. Brodskiy and is based on the nomenclature suggested by M.Ye. Al'tovskiy and V.M. Shvets. Compared with the graphs of N.I. Tolstikhin and S.S. Shchukarev, it is far more practical and easier to fill in. The new graph divides the natural waters into 2,3,4, and multiple-component waters according to the interrelation of the 6 principal ions. In order to select the principal water type, the conventional quantitative gradation system Nr 20 $\pm 3\%$ mg/ekv is used (3% means approximate error in analysis). In conclusion, 4 examples are given how to use the new plotting system. There is 1 graph

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SOV/132-59-3-9/15

On the Graphical Presentation of the Chemical Composition of Natural Waters

and 3 Soviet references.

ASSOCIATION: Ural'skaya gidrogeologicheskaya stantsiya (Urals Hydrogeological Station)

Card 2/2

SOV/124-58-11-13591

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 11, p 228 (USSR)

AUTHORS: Reznikovskiy, M. M., Priss, L. S., Khromov, M. K., Vostroknutov, I. G.

TITLE: Problems of Methodology in the Fatigue Testing of Rubber With Repeated Loads (Metodicheskiye voprosy ispytaniya reziny na ustalost' pri mnogokratnom nagruzhении)

PERIODICAL: Tr. N. -i. in-ta shin. prom-sti, 1957, Nr 4, pp 5-35

ABSTRACT: An examination of the problems arising in fatigue-performance testing; novel, more highly perfected, methods for comparative tests are recommended.

Reviewer's name not given

Card 1/1

VOSTROKNUTOV, N. G.

Shemi Vkucheniya Schotchikov Peremennovo Toka (Schemes for Installing Meters in Alternating Current) Moscow-Leningrad, 1944.

VOSTROKNUTOV, N. G.

USSR/Electricity
Controls, Electric
Calculators

Jan 1947

"New Methods of Controlling Electric Calculating
Machines," N. G. Vostroknutov, Eng'r, Committee on
Measurements and Measuring Machines, Council of
Ministers, USSR, 2 pp

"Prom Energetika" No 1

In last 15 years many new methods presented to con-
trol operation of calculating machines. "Electric
eye" method is very complicated and difficult to
operate efficiently. Author describes new combined
method for controlling calculators, in which basic

54747

Jan 1947

USSR/Electricity (Contd)

pieces of equipment are a watt-meter, second-timer,
and a transmission controlling calculator and out-
lines operation.

54747

16

VOSTROKNUTOV, N. G.

A New Method of the Regulation of a Wattmeter. (In Russian.) N. G. Vostroknutov.. *Industrial Power* (U.S.S.R.), v. 4, no. 1, 1947. Proposes a newly developed combination method for checking wattmeters, using a chronometer and a control wattmeter.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM STATION

FROM ROWING

021121 ONE ONE 111

VOSTROKNUTOV, N.G.

Choice of current transformers for supply meters. Energetik 4 no.10:
38-39 0 '56. (WIRA 9:11)
(Watt-hour meters)

VOSTROKNUTOV, N. Z.

Techniques of electric and magnetic measurements Moskva, Gos. nauch. -tekhn. izd-
vo lit-ry po Chernoi i svetloi metallurgii, 1949. 260 p. (50-22026)

TK275.V65

VOSTROKNUTOV, N. G.

Technology.

Electric meters and their use, Moskva, Gosenergoizdat, 1950.

9. Monthly List of Russian Accessions, Library of Congress, December 195~~4~~, Uncl.

VOSTROKHUTOV, N.G. (Eng.)

Electric Measurements

Measuring electric energy. Prom. energ.9 No.6, 1952.

Monthly List of Russian Accessions, Library of Congress, September 1952, UNCLASSIFIED

VOSTROKHUTOV, N.G.,

Repair of Electric Meters (Remote elektricheskikh schetchikov), Gosenergoizdat, 1952,
184 pages.

This book discusses the construction of single-phase and three-phase active and reactive power meters and of their individual parts. Basic shop repair data, flow sheets for the repair process, and shop equipment and tools needed are described. The book also discusses problems of meter repair, equipment for current and voltage regulation, checking devices for single-phase and three-phase meters, measurements of dc and single-phase and three-phase ac current, reactive power, and adjustment of meters.

The book is intended for workers at special electrical repair shops which repair electric meters, and can be used as a guide in planning small repair shops.

So: W-30262

VOSTROKNUTOV, N.G.

Connecting three-phase meters in the system "two-phase zero." Energetik 1
no.6:37-38 H '53. (MIRA 6:11)
(Electric meters)

VOSTROKNUTOV, N.G.

AID P - 684

Subject : USSR/Electricity
Card 1/1 Pub. 29 - 19/24
Author : Vostroknutov, N. G.
Title : Calculation of active power and determination of the power factor for a three phase network with the help of two single phase meters
Periodical : Energetik, 7, 34-36, J1 1954
Abstract : The author gives a detailed explanation illustrated with 3 diagrams to the above reader's question.
Institution : None
Submitted : No date

VOSTROKNUTOV, N. G.

AID P - 686

Subject : USSR/Electricity

Card 1/1 Pub. 29 - 21/24

Author : Vostroknutov, N. G.

Title : Measuring electric energy with a watthour meter connected to different current transformers

Periodical : Energetik, 7, 36-37, J1 1954

Abstract : Replying to a reader's question, the author describes the method of measurement when the meter is connected through two current transformers with different ratios.

Institution : None

Submitted : No date

VOSTROKNUTOV, N.G.

AID P - 727

Subject : USSR/Electricity
Card 1/1 : Pub. 29 - 20/26
Author : Vostroknutov, N. G., Eng.
Title : Problems of watt-hour metering
Periodical : Energetik, 9, 28-30, S 1954
Abstract : Replying to questions by readers, the author explains certain problems in that field and illustrates them with numerical examples.
Institution : None
Submitted : No date

VOSTROKHUTOV, N.G.

VOSTROKHUTOV, N.G., inzhener, IGLITSYN, I.L. , redaktor; LARIOMOV, G.Ye.,
tekhnicheskii redaktor.

[Circuits for connecting alternating current meters] Skhemy
vklucheniia schetchikov peremennogo toka. Izd. 3-e, perer. Moskva,
Gos.energ.izd-vo, 1955. 78 p. (MLBA 8:11)

1. Russia (1923- U.S.S.R) Gosudarstvennaya inspektsiya po
promyshlennoy energetike i energonadzoru.
(Electric meters)

Vostroknutov, N.G.

VOSTROKNUTOV, Nikolay Georgiyevich; GORTINSKIY, S.M., redaktor;
VORONIN, K.P. - tekhnicheskii redaktor.

[Electric measurements] Elektricheskie izmereniya. Moskva,
Gos. energ. izd-vo, 1955. 191 p. (MLA 8:8)
(Electric measurements)

VOSTROKNU TOV, N.G.

AID P - 1917

Subject : USSR/Electricity

Card 1/1 Pub. 29 - 22/25

Author : Vostroknutov, N. G.

Title : ~~VOSTROKNU TOV, N.G.~~
Methods of connection of electric meters

Periodical : Energetik, no.2, 37-38, F 1955

Abstract : The author answers the inquiry on three illustrated variations of connecting electric meters in a 3-phase power line with uneven load distribution, using simultaneously 3-phase and 1-phase electric meters. Three diagrams.

Institution: None

Submitted : No date

VOSTROKNUTOV, N.G.

AID P - 2980

Subject : USSR/Electricity
Card 1/1 Pub. 29 - 30/35
Author : Vostroknutov, N. G.
Title : Testing tachometers
Periodical : Energetik, 5, 37-38, My 1955
Abstract : In reply to a question by a reader, the author briefly explains the methods used in checking up tachometers. One drawing.
Institution : None
Submitted : No date

ROGOZHEV, Nikolay Alekseyevich; VOSTROKIN, N.G., redaktor; FIDKIN, A.M..
tekhnicheskiiy redaktor.

[Technology and equipment for manufacturing electric measuring
instruments] Tekhnologiya i oborudovanie proizvodstva elektrozme-
ritel'nykh priborov. Moskva, Gos. energ. izd-vo. 1956. 271 p.
(Electric instruments) (MIRA 9:5)

VOSTROKHUTOV, Nikolay Georgiyevich; KASATKIN, A.S., redaktor; SKVORTSOV,
I.M., tekhnicheskiiy redaktor

[Electric and magnetic measurement techniques] Tekhnika izmerenii
elektricheskikh i magnitnykh velichin. Izd. 2-oe, perer. Moskva,
Gos. energ. izd-vo, 1956. 440 p. (MLRA 9:11)
(Electric measurements)
(Magnetic measurements)

VOSTROKHUTOV, N.G.

Negative readings on one of three meters connected to phase voltage.
(MLRA 9:8)
Energetik 4 no.6:39 Je '56.
(Electric meters)

VOSTROKHNUTOV, N.G.

Terminology of electric measuring equipment. Izv. tekhn. no. 11:
68-69 N '65. (MIRA 18:12)

BESSONOV, L.A., doktor tekhn. nauk, prof.; DEMIDOVA, I.G.; KOTOVA,
L.F.; LINNICHENKO, N.N.; OCHAN, V.V.; SEREDNITSKIY, L.M.;
VOSTROCKNUTOV, N.G., retsenzent; OLEKSEYEVICH, V.P.,
retsenzent; FILARETOVA, A.S., retsenzent; ZARUDI, M.Ye.,
retsenzent; ZAIKA, Ye.V., st. prepod., retsenzent

[Textbook on the theoretical principles of electrical
engineering] Zadachnik po teoreticheskim osnovam elektro-
tekhniki. [By] L.A.Bessonov i dr. Moskva, Vses. zaachnyi
energ. in-t, 1963. 212 p. (MIRA 16:10)
(Electric engineering)

ALUKER, Seyel Monosovich, kand. tekhn. nauk; VOSTROKNUTOV, N.G., kand.
tekhn. nauk, nauchnyy red.; DEMINA, G.A., red.; TOKER, A.M.,
tekhn. red.

[Electric measuring devices] Elektroizmeritel'nye pribory. Mo-
skva, Proftekhizdat, 1962. 287 p. (MIRA 15:7)
(Electric measurements)

VOSTROKNUTOV, Nikolay Georgiyevich; ILYUKOVICH, Askol'd Mikhaylovich; DRU-
GOV, G.A., red.; BORUNOV, N.I., tekhn. red.

[Testing of electric meters] Ispytanie elektricheskikh schetchikov.
Moskva, Gos.energ. izd-vo, 1961. 207 p. (MIRA 14:6)
(Watt-hour meter—Testing)

VOSTROKNUTOV, N.G.

Figuring out the indication of the watt-hour meter produced by the
ganz factory in Budapest. Energetik 8 no.11:38 N '60.

(MIRA 13:12)

(Watt-hour meter)

VOSTROKHUTOV, N.G.

Calculating electric power in case of lowered voltage by means
of meters. Energetik 8 no.5:38-39 My '60. (MIRA 13:8)
(Electric measurements)

VOSTROKINUTOV, N.G.

Features of registering power consumption in a four-wire
network by use of three single-phase meters. *Energetik*
8 no.7:37 J1 '60. (MIRA 13:8)
(Watt-hour meter)

MALIKOV, Sergey Fedoseyevich; VOSTROKNUTOV, N.G., red.; BORUNOV, N.I.,
tekh.red.

[Electrical and magnetic units; historical sketch] Edinitsy
elektricheskikh i magnitnykh velichin; istoricheskii ocherk.
Izd.2., perer. Moskva, Gos.energ.izd-vo, 1960. 167 p.
(MIRA 13:10)

(Electric units)

(Magnetism)

VOSTROKNIUTOV, N.G.; ILYUKOVICH, A.M.; ARAPOV, P.P., red.; MATVEYEVA, A.Ye.,
tekhn.red.

[Present-day electric meters] Sovremennye elektricheskie schetchiki.
Moskva, Gos.izd-vo standartov "Standartgiz," 1958. 21 p. (Seria
obzornykh monografiy po izmeritel'noi tekhnike, no.3). (MIRA 13:9)
(Electric meters)

VOSTROKNEUTOV, W.G.

Connecting aluminum wires to an electric meter. Energetika
8 no.3:39 Mr '60. (MIRA 13:6)
(Electric wire)

28(5)

SOV/76-33-8-35/39

AUTHORS: Vostroknutov, N. G., Kornilov, A. N., Gal'chenko, G. L.,
Skuratov, S. M. and Timofeyev, B. I.

TITLE: Arrangement for Measuring the Work of Alternating Current in
Calorimetry

PERIODICAL: Zhurnal fizicheskoy khimii, 1959, Vol 33, Nr 8, pp 1883-1886
(USSR)

ABSTRACT: For determining the heats of reaction taking place at higher
rates with high temperatures, a calorimeter bomb with an
electric furnace is usually used. Since, however, the resistance
of the furnace greatly increases within a short time, the
determination of the work of the current becomes very diffi-
cult if the amperage and voltage change in wide ranges. Ref-
erence 1 recommends in such cases to use a precision watt-
meter, but fails to give any data regarding the pattern or
the method of measurement to be used. Now an arrangement for
measuring the work of the electric current in the furnace
of a calorimeter bomb under the above circumstances is des-
cribed. The wiring diagram (Fig 1) consists, in the main,
of an active-current meter (I) and a reactance-current meter
(II). For (I), a single-phase alternating current meter of
the W Ei 55 (Siemens) type for 5 a and 120 v is used. In recent

Card 1/2

SOV/76-33-8-35/39

Arrangement for Measuring the Work of Alternating Current in Calorimetry

times, however, this instrument was replaced by a current meter of the V-3 type designed by N. G. Vestroknutov, VNIIEK (Moscow) in order to raise the measurement accuracy. A current meter specially made for the requirements of (II) (Ref 2) was built at the otdeleniye elektricheskikh izmereniy VNIIEK (Moskva) (Department of Electrical Measurements of the VNIIEK (Moscow)). The measurement principle, the current meter calibration (Table), and the use of the arrangement in calorimetry are described, and the corresponding calculation equations are given. There are 1 figure, 1 table, and 3 references, 2 of which are Soviet.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University imeni M. V. Lomonosov)

SUBMITTED: January 27, 1959

Card 2/2

VOSTROKINUTOV, Nikolay Georgiyevich; SAPAROVA, A.L., red.; BORUNOV,
N.I., tekhn.red.

[Electric meters and their operation] Elektricheskie
schetchiki i ikh ekspluatatsiya. Izd.6., perer. Moskva,
Gos.energ.izd-vo, 1959. 277 p. (MIRA 12:9)
(Electric meters)

SOV/91-59-7-19/21

8(6)

AUTHOR:

Vostroknutov, N.G.

TITLE:

The Conversion of Active Power Meters to Reactive Power Meters

PERIODICAL:

Energetik, 1959, Nr 7, p 38

(USSR)

ABSTRACT:

Employees of the Energosbyt SNKh BSSSR, Minsk, state that they convert SRZU-IT, 100 volt, 5 amps, power meters to reactive power meters by adding a third series-connected coil. However, the conversion process is time-consuming and the adjustment of the converted meters is complicated. Presently, the Soviet industry produces meters of type SRZU-ITR-60°. The employees of Energosbyt want to know whether it is suitable to convert SRZU-IT, 100 volt, 5 amps, to reactive power meters with a phase shift of 60°. The author states that power meters SRZU-60° are more suitable than power meters ITR. The complete circuit arrangement of the power meters of type SRZU-60° is listed in the book of N.G. Vostroknutov "Elektricheskiye schetchiki i ikh ekspluatatsiya" (Electric Power Meters and Their

Card 1/2

SOV/91-59-7-19/21

The Conversion of Active Power Meters to Reactive Power Meters

Operation), Gosenergoizdat, 1950, p 65. The author also mentions a method for producing a SRZU-60⁰ power meter from a SAZ power meter. There is 1 circuit diagram.

Card 2/2

VOSTROKNUTOV, N.G.

Reverse stop for the ITR reactive-power meters. Energetik 6
no.10:37 0 '58. (MIRA 11:10)
(Electric meters)

VOSTROKNUTOV, H.G.

Regulation and operation of supply meters. Energetik 6 no.6:37
Je '58. (MIRA 11:8)

(Electric meters)

AUTHOR: Vostroknutov, N.G. SOV-91-58-10-33/35

TITLE: Reverse Stops for Type ITR reactive Energy Counters (Stopory obratnogo khoda dlya schëtchikov reaktivnoy energii tipa ITR)

PERIODICAL: Energetik, 1958, Nr 10, p 37 (USSR)

ABSTRACT: M.A. Kalinskiy writes in to say that according to the rules for the installation of electro-technical plants, reactive energy counters should be fitted with reverse stops. But factories are now turning them out without these stops. He adds that they have to be made and installed on the spot, which is more costly than if this were done at the factory. The author replies that the current technical specifications for 3-phase electro-counters call for the production of counters with reverse stops "at the customer's request".

1. Electromagnetic energy recorders--Equipment

Card 1/1

VOSTROKNUTOV, N.G.

Registering electric power by means of three single-phase meters.
Energetik 6 no.6136-37 Jo '58. (MIRA 11:8)
(Electric meters)

AUTHOR: ~~Vostroknutov, N.G.~~ 91-58-6-36/39
TITLE: Correspondence With Readers (Perepiska s chitatatelyami).
Measurement of Electric Power Consumption With Three Single-
Phase Meters (Uchet elektroenergii pri pomoshchi trekh odno-
faznykh schetchikov)
PERIODICAL: Energetik, 1958, Nr 6, pp 36-37 (USSR)
ABSTRACT: In reply to a question from A.F. Morzunov (Or#1), the author
confirms that electric power in a three-phase four-lead cir-
cuit may always be accurately measured with three single-
phase meters connected to the phase voltage, irrespective
of the type of load, in this case single-phase welding trans-
formers.
AVAILABLE: Library of Congress
Card 1/1 1. Electric power-Measurement

VOSTROKNUTOV, N.G., red.

[Manual of approved diagrams for recording instruments] Spravochnik
po utverzhdannym diagrammam dlia samopishushchikh priborov. Izd.
ofitsial'noe. Moskva, 1957. 96 p. (MIRA 10:12)

1. Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh
priborov.

(Recording instruments)

VOSTROKNUTOV, N.G.

VOSTROKNUTOV, N.G.

How to prevent pilferage of electric current where a type
SO-2 meter is operating. Energetik 5 no.9:39-40 S '57. (MIRA 10:10)

(Electric instruments)

VOSTROKNUTOV, N. G.

Permissible overloading of electric power meters.
no. 6:39 Ja '57.

(Electric meters)

Energetik 5
(MIRA 10:7)

28(5)

PHASE I BOOK EXPLOITATION

SOV/2085

Vostroknutov, Nikolay Georgiyevich

Tekhnika izmereniy elektricheskikh i magnitnykh velichin (Instruments and Techniques for Measuring Electric and Magnetic Quantities) 3rd ed., rev. Moscow, Gosenergoizdat, 1958. 364 p. 30,000 copies printed.

Resp. Ed.: A.S. Kasatkin; Ed.: R.D. Nikitina; Tech. Ed.: L.I. Levochkina.

PURPOSE: This is a textbook for students of tekhnikums specializing in electrical measuring instruments and techniques.

COVERAGE: This book complies with the program of the course "Instruments and Techniques for Measuring Electric and Magnetic Quantities" given at the Odesskiy tekhnikum izmereniyy (Odessa Tekhnikum of Measurements) under the Komitet standartov, mer i izmeritel'nykh priborov (Committee on Standards, Measures, and

Card 1/8

Instruments and Techniques for Measuring (Cont.)

SOV/2085

Measuring Instruments). The author supplies basic information on the theory, arrangement, and methods of testing the electric measuring instruments most frequently used in laboratories and electrical apparatus. The author stresses the operating and inspection techniques rather than the design and construction of measuring instruments. There are 19 references, of which 18 are Soviet and 1 German translated into Russian.

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